

Please replace the paragraph at page 29, lines 5-17 as follows:

a¹ Similarly, the second transmission photo detecting unit 30 comprises a second dye sensitizing transparent semiconductor electrode part 31, a second counter electrode part 32, and a second buffer layer 33 which is sandwiched between both electrode parts. The second counter electrode part 32 is formed on the reverse surface of the first counter electrode part 12 via the transparent substrate 50. Similar to the first dye sensitizing transparent semiconductor electrode part, the second dye sensitizing transparent semiconductor electrode part 31 comprises a transparent electrode 35 and transparent semiconductor layer 36 which are formed on a transparent substrate, and a sensitizing dye film 37 which is absorbed onto the semiconductor layer 36.

Please replace the paragraph at page 29, lines 25-33 as follows:

a² On the other hand, the second counter electrode part provided on the reverse surface of the transparent substrate 50 is divided into cells 38 and 39, each of which has the same shape as that of each of the divided cells of the first counter electrode. The cells 18 and 19 are aligned with the cells 38 and 39 via the transparent substrate 50, respectively. Also in the second transparent electrode, wires 40 and 41 are arranged to as to be able to separately extract current signals which are generated in the respective electrode cells.

IN THE CLAIMS

Please cancel Claims 12 and 18 without prejudice.

Please amend Claims 1, 4-8, 10, 13-16, 19 and 21 to read as follows:

- a³
1. (Amended) A transmission photodetector comprising:
a first transparent electrode;
a second transparent electrode, at least one of the first and second transparent